

REMARKS

The application includes claims 1, 4-11, and 14-27 prior to entering this amendment. The Examiner rejected claims 1, 4-7, 11, 17-19, and 25 under 35 U.S.C. § 102(e) over Shyu (U.S. Patent 6,456,412). Applicant amends claims 1, 4-11, and 14-27, and adds claim 28. Claims 1, 4-11, and 14-28 remain in the application after entering this amendment. Applicant adds no new matter and respectfully requests reconsideration.

Allowed Subject-Matter

The Examiner objected to claims 8-10, 14-16, 20-24, 26, and 27 as being dependent upon a rejected base claim, but indicated that they would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant thanks the Examiner for pointing out allowable subject matter.

Claim Rejections - 35 U.S.C. § 102

The Examiner rejected claims 1, 4-7, 11, 17-19, and 25 under 35 U.S.C. § 102(e) over Shyu. Applicant respectfully traverses the Examiner's rejection.

Claim 1 recites *wherein the parallel mirror set is positioned to directly reflect the incident light received from the light source between the first reflection mirror and the second reflection mirror, wherein the first reflection mirror is configured to reflect the incident light received from the second reflection mirror to the optical path turning mirror.*

The Examiner alleges Shyu's mirrors 361 and 363 disclose the recited parallel mirror set, and specifically, that mirror 361 allegedly discloses the recited first reflection mirror and mirror 363 allegedly discloses the recited second reflection mirror. The Examiner further alleges Shyu's mirror 362 discloses the recited optical path turning mirror.

There is no disclosure in Shyu, however, of any parallel mirror set positioned to *directly reflect the incident light received from the light source between the first reflection mirror and the second reflection mirror* as the claim recites. See, Shyu, Figure 4, col. 2, lines 23-42, where Shyu's mirror 361 receives a light ray from the document 32 and provides it directly to mirror 362, which is a distinctly different reflection path than recited in the claim. Since Shyu's reflection path fails to disclose the mirror 361 directly reflecting *the incident light received from*

the light source between the first reflection mirror and the second reflection mirror, Shyu does not anticipate claim 1 or its corresponding dependent claims.

Shyu further does not teach or suggest that the first reflection mirror reflects *incident light received from the second reflection mirror to the optical path turning mirror* as the claim recites. See, Shyu, Figure 4, col. 2, lines 23-42, where Shyu's mirror 361 does not receive any light from the mirror 363, which the Examiner alleges discloses the recited second reflection mirror. Put differently, Shyu only discloses the mirror 363 reflecting a light ray to mirror 364, which is not the recited first reflection mirror, and therefore cannot teach the first reflection mirror reflecting *incident light received from the second reflection mirror to the optical path turning mirror*. Since Shyu discloses a reflection path between its mirrors 361-365 that is distinctly different than disclosed in the recited claim, Shyu fails to anticipate claim 1 or its corresponding dependent claims.

Claim 11 recites *the parallel mirror set is configured to receive the incident light from the optical turning mirror and directly reflect the incident light between the first reflection mirror and the second reflection mirror*.

The Examiner alleges Shyu's mirrors 361 and 363 disclose the recited parallel mirror set, and specifically, that mirror 361 allegedly discloses the recited first reflection mirror and mirror 363 allegedly discloses the recited second reflection mirror. The Examiner further alleges Shyu's mirror 362 discloses the recited optical path turning mirror.

Shyu's mirror 363 receives a light ray from mirror 362 (which the Examiner alleges is the optical path turning mirror), however, there is no disclosure in Shyu that the mirror 363 *directly reflect the incident light between the first reflection mirror and the second reflection mirror* as the claim recites. See, Shyu, Figure 4, col. 2, lines 23-42, where Shyu's mirror 363 reflects the light ray received from mirror 362 to mirror 364, which the Examiner appears to concede is not in the parallel mirror set and is not the recited first reflection mirror. Since nothing in Shyu teaches or suggests the mirror 363 reflecting light received from the recited optical path turning mirror directly to mirror 361, Shyu does not anticipate claim 11 or its corresponding dependent claims.

Claim 18 recites *an optical path turning mirror configured to receive the light from the first reflection mirror and to reflect the light back to the first reflection mirror*.

The Examiner alleges Shyu's mirror 362 discloses the recited optical path turning mirror, and Shyu's mirror 363 discloses the recited first reflection mirror. Shyu, however, does not teach or suggest the mirror 362 receiving *the light from the first reflection mirror and to reflect the light back to the first reflection mirror*, as the claim recites. See, Shyu, Figure 4, col. 2, lines 23-42, where Shyu's mirror 363 receives the light ray from mirror 361 and provides the light ray to mirror 363. In fact, Shyu fails to teach or suggest any of its mirrors 361-365 reflecting a light ray back to the same mirror that initially provided the light ray to that mirror. Since Shyu does not teach or suggest any optical path turning mirror *to receive the light from the first reflection mirror and to reflect the light back to the first reflection mirror*, Shyu does not anticipate claim 18, or its corresponding dependent claims.

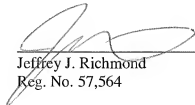
CONCLUSION

For the foregoing reasons, the applicant respectfully request reconsideration and allowance of all pending claims. The applicant encourages the Examiner to telephone the undersigned if it appears that an interview would be helpful in advancing the case.

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Respectfully submitted,

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